

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	441	(702/94).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/11/21 17:53
L2	4767	(suar\$3 with root\$1) with (sum near suar\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:53
L3	30	((suar\$3 with signal\$1) same (quadrature with component\$1) same (compensat\$3 and filter\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:54
L4	8	(determin\$3 with (position\$3 near rotor\$1) with motor\$1) and (amplitud\$3 with correct\$3) and (quadratur\$3 with signal\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:54
L5	1	((motor\$1 with rotor\$1) with (position\$1)) and (weigh\$3 same (invers\$3 with (cosin\$3 and sin\$3))) and (sum\$3 with output\$3) and (sens\$3 with position\$3) and ((amplitud\$3 magnitud\$3) with (correct\$3 compensat\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:54
L6	0	3 and 4	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:54
L7	0	5 and 1	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:55
L8	4	1 and 2	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:55

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L9	1	((motor\$3 with rotor\$1 with position\$3) same (determin\$3 calculat\$3 manipul\$3 obtain\$3 monitor\$3)) and (weigh\$3 with factor\$1) and ((sine\$1 with cosine\$1) with (invers\$3 and component\$1)) and (zero with crossing\$1) and ((amplitud\$3 magnitud\$3) with (correct\$3 filter\$3 window\$3 compensat\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:57
L10	1	((motor\$3 with rotor\$1 with position\$3) same (determin\$3 calculat\$3 manipul\$3 obtain\$3 monitor\$3)) and (weigh\$3 with factor\$1) and ((sine\$1 with cosine\$1) with (invers\$3 and component\$1)) and (zero with crossing\$1) and ((amplitud\$3 magnitud\$3) with (correct\$3 filter\$3 window\$3 compensat\$3))).clm.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:57
L11	0	10 and 1	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:57
L12	0	9 and 1	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:57
S1	973	(702/150).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/12 12:29
S2	1	("5677686").PN.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/04/17 13:16
S3	13	("4318617" "5155696" "5239490" "5463393").PN. OR ("5677686").URPN.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/17 17:50
S4	6959	determin\$3 with (rotor with position\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/17 17:50
S5	1270	(quadrat\$3 with signal\$1) with compensat\$3	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/17 17:51

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S6	4	S4 and S5	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/17 17:52
S7	56	((amplitud\$1 compensat\$3 offset\$1) with (factor\$1 value\$1)) same (devid\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/17 17:54
S8	20	((amplitud\$1 compensat\$3 offset\$1) with (factor\$1 value\$1)) same (devid\$3) same (sin\$3 cos\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:22
S9	852	(suar\$3 with signal\$1) same (quadrature with component\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 10:58
S10	0	(suar\$3 with signal\$1) same (quadrature with component\$1) same (compensat\$3 and filter\$3) same (rotor with position\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:03
S11	0	((suar\$3 with signal\$1) same (quadrature with component\$1) same (compensat\$3 and filter\$3)) and ((rotor\$3 motor\$3) with position\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:03
S12	29	((suar\$3 with signal\$1) same (quadrature with component\$1) same (compensat\$3 and filter\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:42
S13	357	(sum\$3 with (suar\$3 with root\$1)) same (sin\$3 and cos\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:39
S14	13	S9 and S13	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:24
S15	17698	amplitud\$3 with compensat\$4	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:30
S16	1	S14 and S15	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:29
S17	7441	(correct\$3 compensat\$3) near (amplitude\$1 mangitude\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:30

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S18	35	((correct\$3 compensat\$3) near (amplitude\$1 mangitude\$1)) with (devid\$3 divis\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:50
S19	1	S18 and S9	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:37
S20	0	S19 and (rotor\$3 motor\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:37
S21	5	("3686490" "5138662" "6608874").PN. OR ("6760674").URPN.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:41
S22	18524	(motor\$1 with rotor\$1) with (position\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:11
S23	906	S22 and ((amplitud\$3 magnitud\$3) with (correct\$3 compensat\$3 filter\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:55
S24	0	S23 and S12	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:51
S25	6	S23 and (squar\$3 with (quadrature with (component\$1 signal\$1)))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:52
S26	178	S22 and ((amplitud\$3 magnitud\$3) with (correct\$3 compensat\$3 filter\$3)) and divider\$1	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:56
S27	178	S23 and S26	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 11:56
S28	6	S22 and (((amplitud\$3 magnitud\$3) with (correct\$3 compensat\$3 filter\$3)) with divider\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/10 18:42
S29	45	divid\$3 with ((correct\$3 compensat\$3) with (peak with amplitude\$1))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:06
S30	2	divid\$3 with (sin\$3 cos\$3) with ((correct\$3 compensat\$3) with (amplitud\$1 and factor\$1))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:07

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S31	582	divid\$3 same ((compensat\$3 correct\$3) near (amplitude peak\$1))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:23
S32	2	(divid\$3 same ((compensat\$3 correct\$3) near (amplitude peak\$1))) and S12	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:11
S33	72	("1677224" "1969239" "1997407" "2011566" "2034497" "2133410" "2219749" "2219751" "2245598" "2250172" "2271522" "2298930" "2877423" "2907831" "2928055" "3005094" "3017508" "3042867" "3104393" "3271681" "3275940" "3528012" "3634766" "3686574" "3900823" "3927420" "4243955" "4313211" "4481672" "4539707" "4541118" "4596046" "4618999" "4679243" "4682119" "4691375" "4691377" "4706262" "4726051" "4775995" "4802191" "4811423" "4921467" "4932072" "4947453").PN. OR ("5222250").URPN.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:10
S34	5	(divid\$3 same ((compensat\$3 correct\$3) near (amplitude peak\$1))) and (rss (suar\$3 with root\$1 with sin\$3 and cos\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:14
S35	0	(divid\$3 same ((compensat\$3 correct\$3) near (amplitude peak\$1))) and (rss (suar\$3 with root\$1 with sin\$3 and cos\$3)) and (quadratur with (signal\$1 component\$1))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:15
S36	3	("5453684").PN. OR ("5663643").URPN.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:14

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S37	0	(divid\$3 same ((compensat\$3 correct\$3) near (amplitude peak\$1))) and (rss (suar\$3 with root\$1 with sin\$3 and cos\$3)) and (quadratur\$3 with (signal\$1 component\$1))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:15
S38	1	S13 and S31	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:15
S39	7	("4307346" "4404583" "4412181").PN. OR ("4598310").URPN.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:31
S40	4485	(suar\$3 with root\$1) with (sum near suar\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:53
S41	0	S40 and (divid\$3 with (sine and cosine) with (compensat\$3 near amplitude\$1))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:32
S42	0	S40 and (divid\$3 with (sine and cosine) and (compensat\$3 near amplitude\$1))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:32
S43	2	S40 and (divid\$3 with (compensat\$3 near amplitude\$1))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/10 18:21
S44	8	("3854118" "3895343" "3979715" "4056163").PN. OR ("4670863").URPN.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:54
S45	655	(amplitud\$3 with compensat\$3 with factor\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:54
S46	0	(amplitud\$3 with compensat\$3 with factor\$1) near devid\$3	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 12:54
S47	0	(amplitud\$3 with compensat\$3 with factor\$1) same devid\$3	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 13:05
S48	8	(amplitud\$3 with compensat\$3 with factor\$1) and S9	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 13:05

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S49	26	("5705949" "5930286" "6009317" "6122325").PN. OR ("6330290").URPN.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 13:35
S50	6	(determin\$3 with (position\$3 near rotor\$1) with motor\$1) and (amplitud\$3 with correct\$3) and (quadratur\$3 with signal\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:20
S51	1	(determin\$3 with (position\$3 near rotor\$1) with motor\$1) and (amplitud\$3 with correct\$3) and (quadratur\$3 with signal\$1) and ((squar\$3 near root\$1) with (squar\$3 with signal\$1))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 13:53
S52	50	("3577088" "3579268" "3688303" "3984831" "4281316" "4334272" "4454458" "4468617" "4558304" "4575667" "4591774" "4591831" "4623831" "4712106" "4733117" "4758787" "4837493" "4843291" "4847879" "4884016" "4933674" "4972186" "4989001" "4992716" "5041829" "5121116" "5162798" "5196776" "5235406" "5347355" "5451945" "5461293" "5495162" "5495163").PN. OR ("5760562").URPN.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 13:57
S53	72	(amplitude magnitude) with (compensat\$3) with (cosine\$1 and sine\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/10 17:09
S54	0	S53 and S9	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 14:06
S55	6	S53 and S13	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 14:25
S56	880	(73/865.9).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/12 12:29

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S57	2119	(324/207.2,207.25).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/12 12:29
S58	0	S55 and S56	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 14:26
S59	0	S55 and S57	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 14:26
S60	0	S53 and S56	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 14:26
S61	0	S53 and S57	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 14:26
S62	0	S29 and S56	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 14:26
S63	0	S29 and S57	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 14:26
S64	1010	(702/150).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/10 16:59
S65	524	(324/76.12,76.14).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/10 17:04
S66	823	(702/151,152,153).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/12 12:29
S67	109	(702/163).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/10 17:01
S68	899	(73/865.9).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/10 17:04
S69	2209	(324/207.2,207.25).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/10 17:07

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S70	200	(702/116).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/10 17:08
S71	411	(702/109,110,111,112,113). CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/12 12:30
S72	8	(determin\$3 with (position\$3 near rotor\$1) with motor\$1) and (amplitud\$3 with correct\$3) and (quadratur\$3 with signal\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:54
S73	74	(amplitude magnitude) with (compensat\$3) with (cosine\$1 and sine\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 12:30
S74	4637	(squar\$3 with root\$1) with (sum near squar\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/10 17:11
S76	42	S74 and (S64 S65 S66 S67 S68 S69 S70 S71)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/10 17:11
S77	765	(702/142,143,144,145,146,147). CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/10 17:12
S78	1	S76 and S77	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/10 17:12
S79	0	S78 and S72	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/10 17:12
S80	0	S78 and (invers\$3 with cosine with sine\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/10 17:12
S81	3	S72 and S73	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/10 17:18
S82	1	S81 and (invers\$3 with cosin\$3 and sine\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/10 17:23
S83	110	(rotor\$1 with position\$3) and (transfer\$3 near function\$1) and (((cosine with sine\$1) quadrature) with signal\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/10 18:21

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S84	37	(rotor\$1 with position\$3) and (transfer\$3 near function\$1) and (((cosine with sine\$1) quadrature) with signal\$1) and ((filter\$3 compensat\$3) with noise interfer\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 12:52
S85	4637	(squar\$3 with root\$1) with (sum near squar\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 12:30
S86	3	S85 and (divid\$3 with (compensat\$3 near amplitude\$1))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/10 18:41
S87	1	S86 and ((cosine\$1 and sine\$1) with inverse)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/10 18:41
S90	26	(rotor\$1 with position\$3) and (((amplitud\$3 magnitud\$3) with (correct\$3 compensat\$3 filter\$3)) with divider\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 14:25
S94	1010	(702/150).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/12 12:29
S95	899	(73/865.9).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/12 12:29
S96	2209	(324/207.2,207.25).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/12 12:29
S97	926	(702/151,152,153,163).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/12 12:30
S98	601	(702/109,110,111,112,113,116).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/12 12:30
S99	4637	(squar\$3 with root\$1) with (sum near squar\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 12:30
S100	74	(amplitude magnitude) with (compensat\$3) with (cosine\$1 and sine\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 12:44

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S10 1	4	S100 and S99	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 12:45
S10 2	0	S101 and (S94 S95 S96 S97 S98)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 12:44
S10 3	1	((rotor\$1 with position\$3) with (determin\$3 identif\$3 examin\$3 analy\$3)) and ((amplitude\$1 magnitude\$1) with (correct\$3 compensat\$3 remedy\$3)) and ((sum\$3 total) with (cosine\$1 and sine\$1)) and ((invers\$3 with function\$3) with (cosine and sine)) and ((squar\$3 root\$3 radial\$3) with (sine and cosin\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:22
S10 4	0	((rotor\$1 with position\$3) with (determin\$3 identif\$3 examin\$3 analy\$3)) and ((amplitude\$1 magnitude\$1) with (correct\$3 compensat\$3 remedy\$3)) and ((sum\$3 total) with (cosine\$1 and sine\$1)) and ((invers\$3 with function\$3) with (cosine and sine)) and ((squar\$3 root\$3 radial\$3) with (sine and cosin\$3))).clm.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 12:51
S10 5	0	S103 and (S94 S95 S96 S97 S98)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 12:52
S10 6	0	S104 and (S94 S95 S96 S97 S98)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 12:52
S10 7	0	(rotor\$1 with position\$3) and (transfer\$3 near function\$1) and (((cosine with sine\$1) quadrature) with signal\$1) and ((filter\$3 compensat\$3) with noise interfer\$3) and (sum\$3 with squar\$3 with sine and cosin\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 14:01

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S10 8	0	(rotor\$1 with position\$3) and (transfer\$3 near function\$1) and (((cosine with sine\$1) quadrature) with signal\$1) and ((filter\$3 compensat\$3) with noise interfer\$3) and (sum\$3 with squar\$3 with sine and cosin\$3) and (inverse with sine and cosine)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 12:52
S10 9	1	((suar\$3 with root\$1) with (sum near squar\$3)) and (divid\$3 with (compensat\$3 near amplitude\$1))) and ((cosine\$1 and sine\$1) with inverse)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:56
S11 0	1	("5,677,686").PN.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/12 12:57
S11 1	120	(341/8,115).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/12 12:58
S11 2	0	S109 and S111	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 12:58
S11 3	0	S111 and S99	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 12:58
S11 4	4	S111 and S100	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 12:58
S11 5	301	(324/76.13).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/08/12 13:57
S11 6	0	S109 and S115	US-PGPUB ; USPAT; USOCR	OR	ON	2007/08/12 13:57
S11 7	619	(702/109,110,111,112,113,116).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/11/19 12:53
S11 8	1703	(702/142,143,144,145,146,147,151,152,153,163).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/11/19 12:53

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S11 9	919	(73/865.9).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/11/19 12:54
S12 0	2792	(324/207.2,207.25,76.12,76.14). CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/11/19 12:54
S12 1	120	(341/8,115).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/11/19 12:54
S12 2	302	(324/76.13).CCLS.	US-PGPUB ; USPAT; USOCR	OR	OFF	2007/11/19 12:54
S12 3	323	(position\$3 with (obtain\$3 monitor\$3 identif\$3 determin\$3)) and (sens\$3 same (rotor\$3 with rotat\$3)) and (sine\$1 with cosin\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 12:56
S12 4	8	(determin\$3 with (position\$3 near rotor\$1) with motor\$1) and (amplitud\$3 with correct\$3) and (quadratur\$3 with signal\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:20
S12 5	20	((amplitud\$1 compensat\$3 offset\$1) with (factor\$1 value\$1)) same (devid\$3) same (sin\$3 cos\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:22
S12 6	606	divid\$3 same ((compensat\$3 correct\$3) near (amplitude peak\$1)).	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:23
S12 7	8	(determin\$3 with (position\$3 near rotor\$1) with motor\$1) and (amplitud\$3 with correct\$3) and (quadratur\$3 with signal\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:34
S12 8	374	(sum\$3 with (squar\$3 with root\$1)) same (sin\$3 and cos\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:39

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S12 9	0	(rotor\$1 with position\$3) and (transfer\$3 near function\$1) and (((cosine with sine\$1) quadrature) with signal\$1) and ((filter\$3 compensat\$3) with noise interfer\$3) and (sum\$3 with squar\$3 with sine and cosin\$3) and (inverse\$1 with cosine\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:41
S13 0	2	(rotor\$1 with position\$3) and (transfer\$3 near function\$1) and (((cosine with sine\$1) quadrature) with signal\$1) and ((filter\$3 compensat\$3) with (noise interfer\$3)) and (inverse\$1 with (sine\$1 cosine\$1))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:41
S13 1	0	(rotor\$1 with position\$3) and (transfer\$3 near function\$1) and (((cosine with sine\$1) quadrature) with signal\$1) and ((filter\$3 compensat\$3) with (noise interfer\$3)) and (inverse\$1 with (sine\$1 cosine\$1)) and ((amplitud\$3 magnitud\$3) with correct\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:42
S13 2	30	((squar\$3 with signal\$1) same (quadrature with component\$1) same (compensat\$3 and filter\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:54
S13 3	0	((squar\$3 with signal\$1) same (quadrature with component\$1) same (compensat\$3 and filter\$3)) and (position\$3 with rotor\$1) and (position\$3 with determin\$3) and ((amplitud\$3 magnitud\$3) with (correct\$3 offset\$1 compensat\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:46
S13 4	10	S128 and (S117 S118 S119 S120 S121 S122)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:46
S13 5	0	S134 and S127	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:46

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S13 6	1	((motor\$1 with rotor\$1) with (position\$1)) and (weigh\$3 same (invers\$3 with (cosin\$3 and sin\$3))) and (sum\$3 with output\$3) and (sens\$3 with position\$3) and ((amplitud\$3 magnitud\$3) with (correct\$3 compensat\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/21 17:54
S13 7	0	((motor\$1 with rotor\$1) with (position\$1)) and (weigh\$3 same (invers\$3 with (cosin\$3 and sin\$3))) and (sum\$3 with output\$3) and (sens\$3 with position\$3) and ((amplitud\$3 magnitud\$3) with (correct\$3 compensat\$3))).clm.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:55
S13 8	0	S137 and (S117 S118 S119 S120 S121 S122)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:56
S13 9	1	((suar\$3 with root\$1) with (sum near suar\$3)) and (divid\$3 with (compensat\$3 near amplitude\$1))) and ((cosine\$1 and sine\$1) with inverse)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:15
S14 0	0	S139 and (S117 S118 S119 S120 S121 S122)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:57
S14 1	0	((position\$3 with (determin\$3 calculat\$3 manipul\$3)) same system\$1) and (rotor\$3 with sens\$3) and (quadratur\$3 with signal\$3) and((sine\$1 with cosin\$3) with (component\$1 and (magnitud\$3 amplitud\$3))) and (weigh\$3 with correct\$3 with (cosin\$3 and sin\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:59

EAST Search History

S14 2	0	((position\$3 with (determin\$3 , calculat\$3 manipul\$3)) same system\$1) and (rotor\$3 with sens\$3) and (quadratur\$3 with signal\$3) and((sine\$1 with cosin\$3) with (component\$1 and (magnitud\$3 amplitud\$3))) and (weigh\$3 with correct\$3 with (cosin\$3 and sin\$3)) and (sum\$3 with (amplit\$3 magnitud\$3) with (compensat\$3 correct\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 13:59
S14 3	0	((suar\$3 with signal\$1) same (quadrature with component\$1) same (compensat\$3 and filter\$3)) and (system\$1 same (position\$3 with determin\$3)) and (rotor\$3 with sens\$3) and ((amplitud\$3 magnitud\$3) with (correct\$3 compensat\$3 offset\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 14:01
S14 4	0	((suar\$3 with signal\$1) same (quadrature with component\$1) same (compensat\$3 and filter\$3)) and (system\$1 same (position\$3 with determin\$3)) and (rotor\$3 with sens\$3) and ((amplitud\$3 magnitud\$3) with (correct\$3 compensat\$3 offset\$3))) .clm.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 14:01
S14 5	0	S144 and (S117 S118 S119 S120 S121 S122)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 14:01
S14 6	3	(rotor\$1 with position\$3) and (transfer\$3 near function\$1) and ((filter\$3 compensat\$3) with noise interfer\$3) and (sum\$3 with suar\$3 with sine and cosin\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 14:02

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S14 7	0	(rotor\$1 with position\$3) and (transfer\$3 near function\$1) and ((filter\$3 compensat\$3) with noise interfer\$3) and (sum\$3 with squar\$3 with sine and cosin\$3) and (S117 S118 S119 S120 S121 S122)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 14:02
S14 8	26	(rotor\$1 with position\$3) and (((amplitud\$3 magnitud\$3) with (correct\$3 compensat\$3 filter\$3)) with divider\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 19:57
S14 9	26	(rotor\$1 with position\$3) and (((amplitud\$3 magnitud\$3) with (correct\$3 compensat\$3 filter\$3)) with divider\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:09
S15 0	1	(position\$3 with determin\$3 with system\$1) and (rotor\$3 with position\$3) and (sens\$3 near rotor\$1) and ((sine\$1 and cosine\$1) with (invers\$3 and component\$1))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:05
S15 1	0	(position\$3 with determin\$3 with system\$1) and (rotor\$3 with position\$3) and (sens\$3 near rotor\$1) and ((sine\$1 and cosine\$1) with (invers\$3 and component\$1)) and (weigh\$3 with (sum\$3 near (cosin\$3 and sine\$1)))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:05
S15 2	0	(position\$3 with determin\$3 with system\$1) and (rotor\$3 with position\$3) and (sens\$3 near rotor\$1) and ((sine\$1 and cosine\$1) with (invers\$3 and component\$1)) and (weigh\$3 with factor\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:06
S15 3	0	(position\$3 with determin\$3 with system\$1) and (rotor\$3 with position\$3) and (sens\$3 near rotor\$1) and ((sine\$1 and cosine\$1) with (invers\$3 and component\$1)) and (quadrature with signal\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:07

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S15 4	0	(position\$3 with determin\$3 with system\$1) and (rotor\$3 with position\$3) and (sens\$3 near rotor\$1) and ((sine\$1 and cosine\$1) with (invers\$3 and component\$1)) and (favor\$3 with zero with cross\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:07
S15 5	0	(rotor\$1 with position\$3) and (((amplitud\$3 magnitud\$3) with (correct\$3 compensat\$3 filter\$3)) with divider\$1) and (rotor\$3 with sens\$3) and (weigh\$3 with (cosin\$3 and sine\$1))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:09
S15 6	0	(rotor\$1 with position\$3) and (((amplitud\$3 magnitud\$3) with (correct\$3 compensat\$3 filter\$3)) with divider\$1) and (rotor\$3 with sens\$3) and (invers\$3 with (sine\$1 and cosin\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:09
S15 7	19188	(motor\$1 with rotor\$1) with (position\$1)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:12
S15 8	16	(motor\$1 with rotor\$1) with (position\$1) and (invers\$3 with (cosine and sine\$1))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:13
S15 9	3	(motor\$1 with rotor\$1) with (position\$1) and (invers\$3 with (cosine and sine\$1)) and ((amplitud\$3 magnitud\$3) with (compensat\$3 offset\$3 correct\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:14
S16 0	1	(motor\$1 with rotor\$1) with (position\$1) and (invers\$3 with (cosine and sine\$1)) and ((amplitud\$3 magnitud\$3) with (compensat\$3 offset\$3 correct\$3)) and (weigh\$3 with factor\$3)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:14

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S16 1	1	((motor\$1 with rotor\$1) with (position\$1) and (invers\$3 with (cosine and sine\$1)) and ((amplitud\$3 magnitud\$3) with (compensat\$3 offset\$3 correct\$3)) and (weigh\$3 with factor\$3)).clm.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:15
S16 2	1	((suar\$3 with root\$1) with (sum near suar\$3)) and (divid\$3 with (compensat\$3 near amplitude\$1))) and ((cosine\$1 and sine\$1) with inverse)	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:15
S16 3	1	((rotor\$1 with position\$3) with (determin\$3 identif\$3 examin\$3 analy\$3)) and ((amplitude\$1 magnitude\$1) with (correct\$3 compensat\$3 remedy\$3)) and ((sum\$3 total) with (cosine\$1 and sine\$1)) and ((invers\$3 with function\$3) with (cosine and sine)) and ((suar\$3 root\$3 radial\$3) with (sine and cosin\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:22
S16 4	1	((rotor\$1 with position\$3) with (determin\$3 identif\$3 examin\$3 analy\$3)) and ((amplitude\$1 magnitude\$1) with (correct\$3 compensat\$3 remedy\$3)) and ((sum\$3 total) with (cosine\$1 and sine\$1)) and ((invers\$3 with function\$3) with (cosine and sine)) and ((suar\$3 root\$3 radial\$3) with (sine and cosin\$3))	US-PGPUB ; USPAT; USOCR	OR	ON	2007/11/19 20:22